

Identification:

Originator: Wisconsin Department of Natural Resources_Bureau of Natural Heritage Conservation

Title: 2015-2025 WWAP Dataset: Species of Greatest Conservation Need (SGCN) and Species with Information Needs (SINS)

Last updated: see most recent publication date below

Description: Essential status, name and element information based on Natural Heritage Inventory (NHI) methodology is provided for animal SGCN and SINS designated in the 2015-2025 Wisconsin Wildlife Action Plan. SGCNs are animal species in Wisconsin with low or declining populations in need of conservation. Species with information needs include those that either did not have sufficient information to evaluate them in the SGCN flowchart or, if they did, they did not meet the criteria for SGCN. There are three categories of SINS (BasicSINS, RankingSINS and MonitoringSINS) organized around fundamentally different types of information need.

Associated Data Sets: SGCN-ecological landscapes association scores; Natural community-ecological landscapes association scores; Conservation Opportunity Areas (COAs).

Source: Wisconsin Natural Heritage Inventory database.

Process: Established in 1985, Wisconsin's NHI program is part of an international network coordinated by [Nature Serve](#) [exit DNR], a non-profit organization. All NHI programs use a standard methodology for collecting, characterizing and managing data making it possible to combine data at various scales to address local, state, regional and national issues. Biotics 5 is integrated, web-enabled software for tabular and spatial data management that is used in common by programs using the NHI methodology. NHI database and methods: <http://dnr.wi.gov/topic/NHI/Methods.html>. Data captured during the 2015-2025 WWAP process on species names, conservation ranks, and WWAP SGCN and SINS designations is maintained in the NHI database and periodically exported for these web datasets as CSV files.

First publication_date: 11 November 2016

Most recent publication_date: 11 November 2016

Completeness: All bird, mammal, reptile, amphibian, fish and invertebrate SGCNs, RankingSINS, BasicSINS and MonitoringSINS.

Maintenance and update frequency: Updates to the CSV query occur when there are changes to the SGCN or SINS lists, US Status or Wisconsin Status fields. Absent these changes, updates will occur approximately every year.

Key word_theme: SGCN
Species of Greatest Conservation Need
WWAP
Wisconsin Wildlife Action Plan
SINS
Species with Information Needs
Wisconsin's rare animals

Key word_place: Wisconsin

Column or field label information:

Taxa: Major animal groups according to NHI methodology and Biotics: Birds, Mammals, Fishes, Herptiles [Reptiles], Herptiles [Amphibians], Insects – Aquatic [Beetles], Insects – Aquatic [Caddisflies], Insects – Aquatic [Dragonflies and damselflies], Insects – Aquatic [Flies], Insects – Aquatic [Leafhoppers and true bugs], Insects – Aquatic [Mayflies], Insects – Aquatic [Springtails], Insects – Aquatic [Stoneflies], Insects – Terrestrial [Ants, wasps and bees], Insects – Terrestrial [Beetles], Insects – Terrestrial [Butterflies and moths], Insects – Terrestrial [Grasshoppers and allies], Insects – Terrestrial [Leafhoppers and true bugs], Invertebrates - Aquatic Snails [Aquatic and terrestrial snails], Invertebrates - Misc (Crustacea, Spiders, Worms) [Crustaceans], Invertebrates - Mussels and Clams [Mussels and clams], Invertebrates - Terrestrial Snails [Aquatic and terrestrial snails]

WWAP2: Designation in the 2015-2025 Wisconsin Wildlife Action Plan as Species of Greatest Conservation Need (SGCN) or one of three types of Species with Information Needs (SINS-monitoring, SINS-ranking or SINS-basic)

Scientific name: Scientific name used by the Wisconsin Natural Heritage Inventory program.

Common name: Standard, contrived or agreed upon common names.

Global Rank (NHI): Global Conservation or Rarity Ranks as designated by NatureServe. Global Rank definitions – <http://dnr.wi.gov/topic/NHI/WList.html>

State Rank (NHI): State Conservation or Rarity Ranks as designated by Wisconsin Natural Heritage Inventory program. State Rank definitions – <http://dnr.wi.gov/topic/NHI/WList.html>

US Status: Federal protection status designated by the U.S. Fish and Wildlife Service's Endangered Species Program indicating the biological status of a species in Wisconsin. LE = listed endangered; LT = listed threatened; PE = proposed for listing as endangered; NEP = nonessential experimental population(s) in part of its range; C = candidate for future listing; CH = critical habitat; *SOC = species of concern; HPR = high potential range.

WI Status: Protection category designated by the DNR. END = endangered; THR = threatened; SC = special concern. Wisconsin Department of Natural Resources and federal regulations regarding special concern species range from full protection to no protection. The current categories and their respective level of protection are SC/P = fully protected; SC/N = no laws regulating use, possession, or harvesting; SC/H = take regulated by establishment of open closed seasons; SC/FL = federally protected as endangered or threatened, but not so designated by DNR; SC/M = fully protected by federal and state laws under the Migratory Bird Act.

Mapped in NHI: Y = Observations of these species are mapped into the NHI database and are used for conservation, management, protection, research purposes; and are available via the NHI Portal for Environmental Review. All Endangered and Threatened species are mapped in NHI as are the majority of Special Concern species.

Elcode: Unique 10-digit alphanumeric code for each element - plant, animal or natural community as set by NatureServe. Element codes for Wisconsin end in WI.

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